

VIRTUAL BROADBAND COMMUNICATION THROUGH BUNDLING OF A GROUP OF
CIRCUIT SWITCHING AND PACKET SWITCHING CHANNELS

ABSTRACT OF THE DISCLOSURE

5 A method of transmitting data across a telecommunication network, includes: partitioning a data stream into a plurality sub-streams; transmitting each sub-stream across an associated circuit switching channel in one communication session; and reconstructing the plurality of sub-streams into a single data
10 stream. An apparatus for transmitting data from a source to a destination, includes: a channel bundler and de-bundler capable to partition a data stream into a plurality of sub-streams, the data stream transmitted from the source, the channel bundler and de-bundler capable to reconstruct the sub-streams into a
15 single data stream for transmission to the destination; and a plurality of circuit switching channels communicatively coupled to the channel bundler and de-bundler and capable to transmit an assigned sub-stream.

20